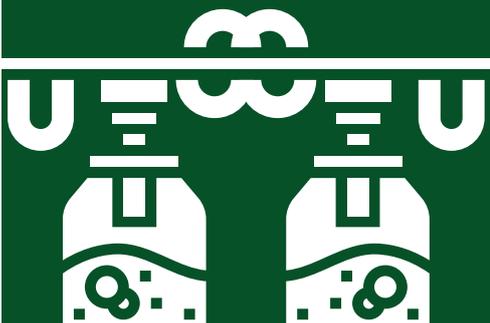# Servo Dynamics
Pte Ltd

KEY HIGHLIGHTS

- **Commercial Off-the-shelf recipe management software**
- **Powerful, ready-to-use configuration and operator user interface functionality**
- **Deep governance – including role-based security**
- **Change management with item versioning and approval**
- **Electronic history records to improve productivity and quality.**
- **Manage more product variations**
- **Enforce product quality**
- **Speed product introduction to market**

Suitable for the following industries:
- F&B
- Pharmaceutical
- CPG
- Continuous Manufacturing

MES BATCH EXECUTION SOLUTION
By ISDN SOFTWARE BUSINESS

Managing an enterprise batch production or single-site production operation can be daunting with the number of recipes you need to maintain accurately and consistently. Recipes must remain accurate and consistent or it could result in a colossal failure. MES Batch Execution Solution removes the stress of managing these potential issues by automating your product formulas and setups while programming into product equipment and machines during manufacturing. Powerful, ready-to-use configuration and operator user interface functionality, deep governance – including role-based security, change management with item versioning and approval – and electronic history records offer fast time to value and empower your operational teams to improve productivity and quality.

What is MES Batch Execution Solution?

MES Batch Execution Solution is a commercial off-the-shelf recipe management software for simplification of recipe deployment, optimization and execution on automated equipment in manufacturing operations. This software aids businesses not only to control variations in products, but also improves plant efficiency and consistency in output during the process of automation.

What does this mean?

This solution is a decisive step towards standardizing recipe management. This makes the process quicker and more efficient in automated production lines, resulting in a reduction in reliance of recipe formats and errors during production.

SOLUTION BUNDLE AVAILABLE

2 Bundle Options:

#1

License only bundle

- AVEVA S.P. 2020 5K I/O 500 History
- 5 Supervisory Clients for Operator Interface
- Recipe Management Software
- ISDN Recipe Management Solution Accelerator: Industry Graphics Template and Reports

#2

High Availability Bundle

- License Only Bundle
- Stratus ztC Edge 110i

License only bundle will allow the solutions to be installed or run on any computers. However, you might miss out on enjoying virtualization and high-availability setup.

For those who would like to enjoy virtualization and high availability setup, choose our High Availability Bundle which includes everything ready in a single package for you.

WHAT ARE THE FEATURES OF MES BATCH EXECUTION SOLUTION?

The MES Batch Execution Solution allows users to define parameters when installing into any automation system. Users are then able to share information with other users within the team as well as maintain control over all aspects of the system. In essence, MES Batch Execution Solution include features such as:

Browser-Based Functionality
MES Batch Execution Solution is a client/server Web application with a central data repository. Users and operators interact with MES Batch Execution Solution through a Web-based, secure user interface, making it easy to access software functionality anywhere on your network. The platform neutral user interface is available on any computer, operator panel or mobile device with an HTML5 compatible browser.

Enterprise Governance
The ready to use Web-based user interface enhances governance through configurable role-based security, automatic item versioning, approvals and an electronic change and execution history. It provides a recipe management standard across heterogeneous automation system landscapes of lines,plants or multiple plants.

Roles allow the definition of user and user groups with individual permissions in editing or viewing formulas, recipes and equipment, and downloading formulas and executing recipes. The IT security and firewall friendly technology allows remote access to maintain or update recipes without compromising system security in mission critical process networks.

Integrate with any Automation System
MES Batch Execution Solution runs easily in a standalone-mode or integrated into the AVEVA System Platform. Users are able to run the software on any browsers without any complicated installations or additional software installations. Users are able to:
- Download Formulas to any automation system controlling manufacturing processes
- Collaborate by sharing data on recipe adoption during the manufacturing process with team members within your workforce to ensure that any updates to the recipe are communicated and executed quickly and efficiently.
- Manage the execution of recipe procedure and monitor status in a sequential function chart (SFC) or grid view.